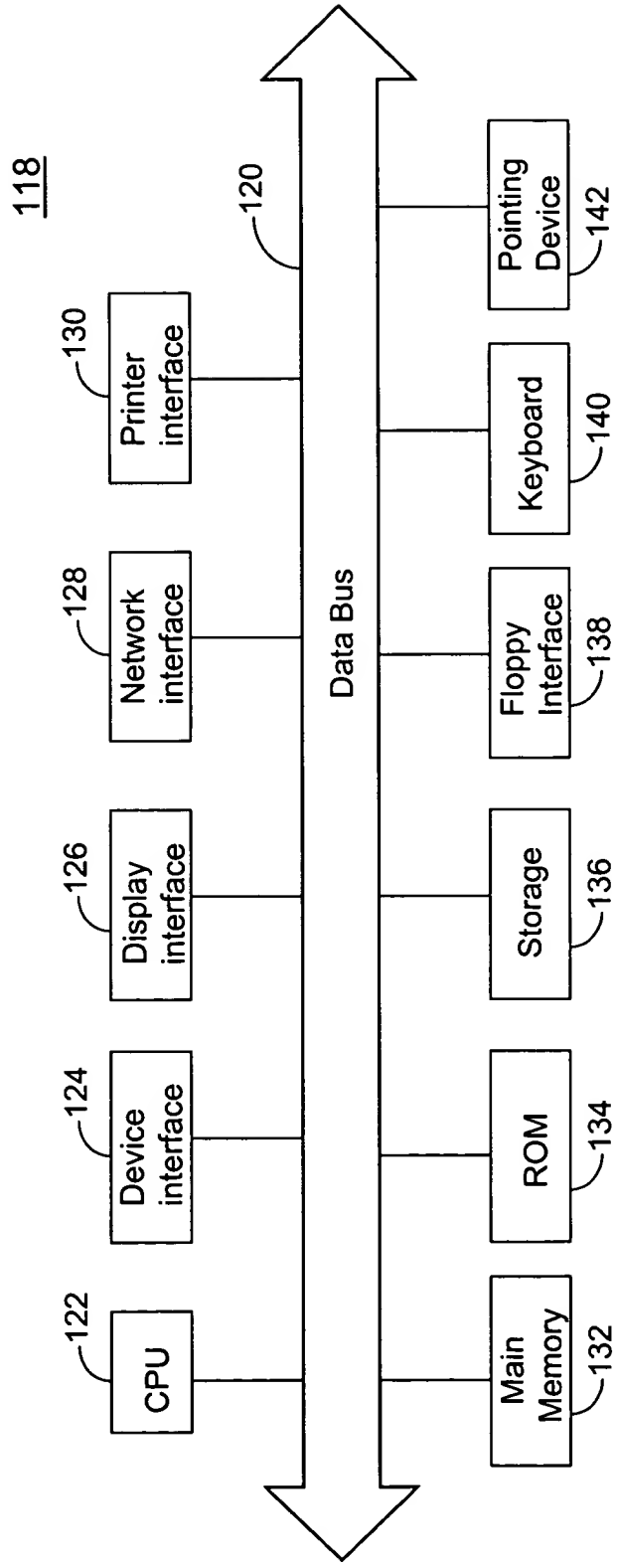


**Fig. 1A**



**Fig. 1B**

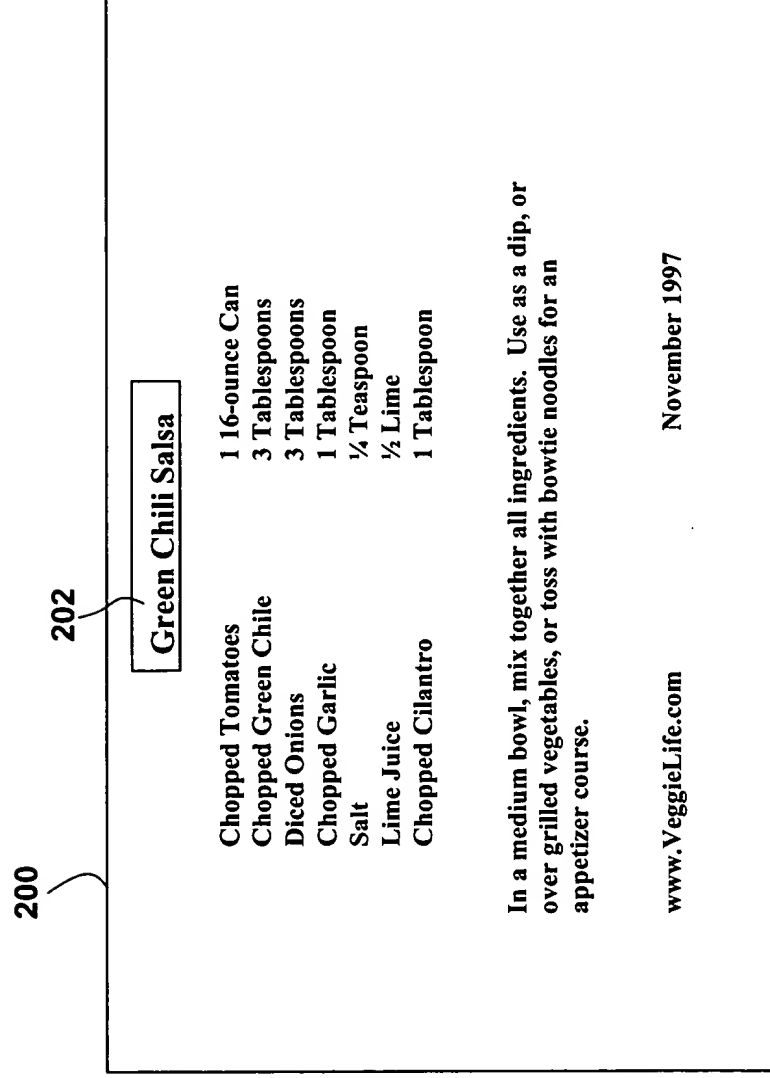


Fig. 2A

```

<!--..... Document Type Definition (DTD) .....-->
<!-- document element -->
<!ELEMENT document (recipe+)>

<!--..... recipe element .....-->
<!ELEMENT recipe (ingredient+, procedure+, presentation, originate)>
<ATTLIST recipe title CDATA #REQUIRED>

<!--..... ingredient element .....-->
<!ELEMENT ingredient (#PCDATA)>
<ATTLIST ingredient amount CDATA #REQUIRED>
210

<!--..... procedure element .....-->
<!ELEMENT procedure (#PCDATA)>
<ATTLIST procedure step CDATA #IMPLIED>

<!--..... presentation element .....-->
<!ELEMENT presentation (#PCDATA)>
212

<!--..... originate element .....-->
<!ELEMENT originate EMPTY>
<ATTLIST originate name CDATA #REQUIRED>
<ATTLIST originate website CDATA #IMPLIED>
<ATTLIST originate date CDATA #REQUIRED>
<!--..... END of DTD .....-->

```

**Fig. 2B**

```
<document>
<recipe title="Green Chile Salsa">
  <ingredient amount="1 16-ounce Can">Chopped Tomatoes</ingredient>
  <ingredient amount="3 Tablespoons">Chopped Green Chile</ingredient>
  <ingredient amount="3 Tablespoons">Diced Onions</ingredient>
  <ingredient amount="1 Tablespoon">Chopped Garlic</ingredient>
  <ingredient amount="1/4 Teaspoon">Salt</ingredient>
  <ingredient amount="1/2 Lime">Lime Juice</ingredient>
  <ingredient amount="1 Tablespoon">Chopped Cilantro</ingredient>
<procedure>In a medium bowl, mix together all ingredients.</procedure>
<presentation>Use as dip, or over grilled vegetables, or toss with bowtie noodles for an appetizer course.</presentation>
<originate name="VeggieLife" website="www.VeggieLife.com" date="November 1997" />
</recipe>
</document>
```

Fig. 2C

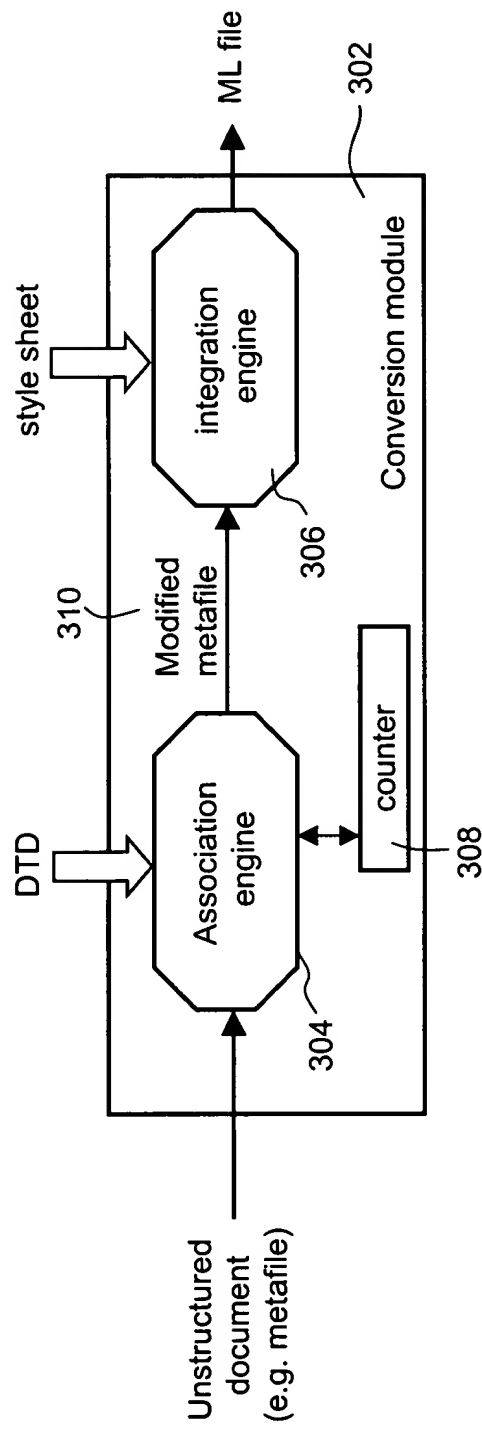


Fig. 3A

**Fig. 3B**



```

<?xml version="1.0"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/TR/WD-xsl">
  <xsl:template match="/" >
    <html>
      <body>
        <xsl:apply-templates />
      </body>
    </html>
  </xsl:template>

  <xsl:template match="document">
    <xsl:apply-templates />
  </xsl:template>

  <xsl:template match="recipe">
    <h2><center><font color="teal">Title: </font><font color="red">
      <xsl:value-of select="title"/>
    </font></center></h2>
    <h3><center><font color="teal">From: </font><font color="gray">
      <xsl:for-each select="originate" >
        <xsl:value-of select="@name" />
      </xsl:for-each>
    </font></center></h3>
    <p><center><table bgcolor="ffffc0" cellspacing="12"><tr><td>
      <xsl:for-each select="image">
        <IMG SRC="recipe.jpg" HEIGHT="200" WIDTH="220"/></xsl:for-each></td><td><table>
        <tr><td><font color="teal" size="5">Ingredient:</font></td></tr>
        <xsl:for-each select="ingredient">
          <tr><td><xsl:value-of select="text()" /></td>
          <td><font color="blue"><xsl:value-of select="amount"/></font></td></tr>
        </xsl:for-each>
        </table></td></tr></table></center></p>

    <p><center><table><tr><td><font color="teal" size="5">Procedure:</font></td></tr>
      <xsl:for-each select="procedure">
        <tr><td><xsl:value-of select="text()" /> </td></tr>
      </xsl:for-each>
      <tr><td></td></tr>
      <tr><td><font color="teal" size="5">Presentation:</font></td></tr>
      <xsl:for-each select="presentation">
        <tr><td><xsl:value-of select="text()" /> </td></tr>
      </xsl:for-each>
    </table></center></p>

    <p><center><table bgcolor="c0ffff" width="80%">
      <xsl:for-each select="originate">
        <tr><td align="left"><xsl:value-of select="website" /></td>
        <td align="right"><xsl:value-of select="date"/></td></tr>
      </xsl:for-each>
    </table></center></p>
  </xsl:template>
</xsl:stylesheet>

```

**Fig. 3C**



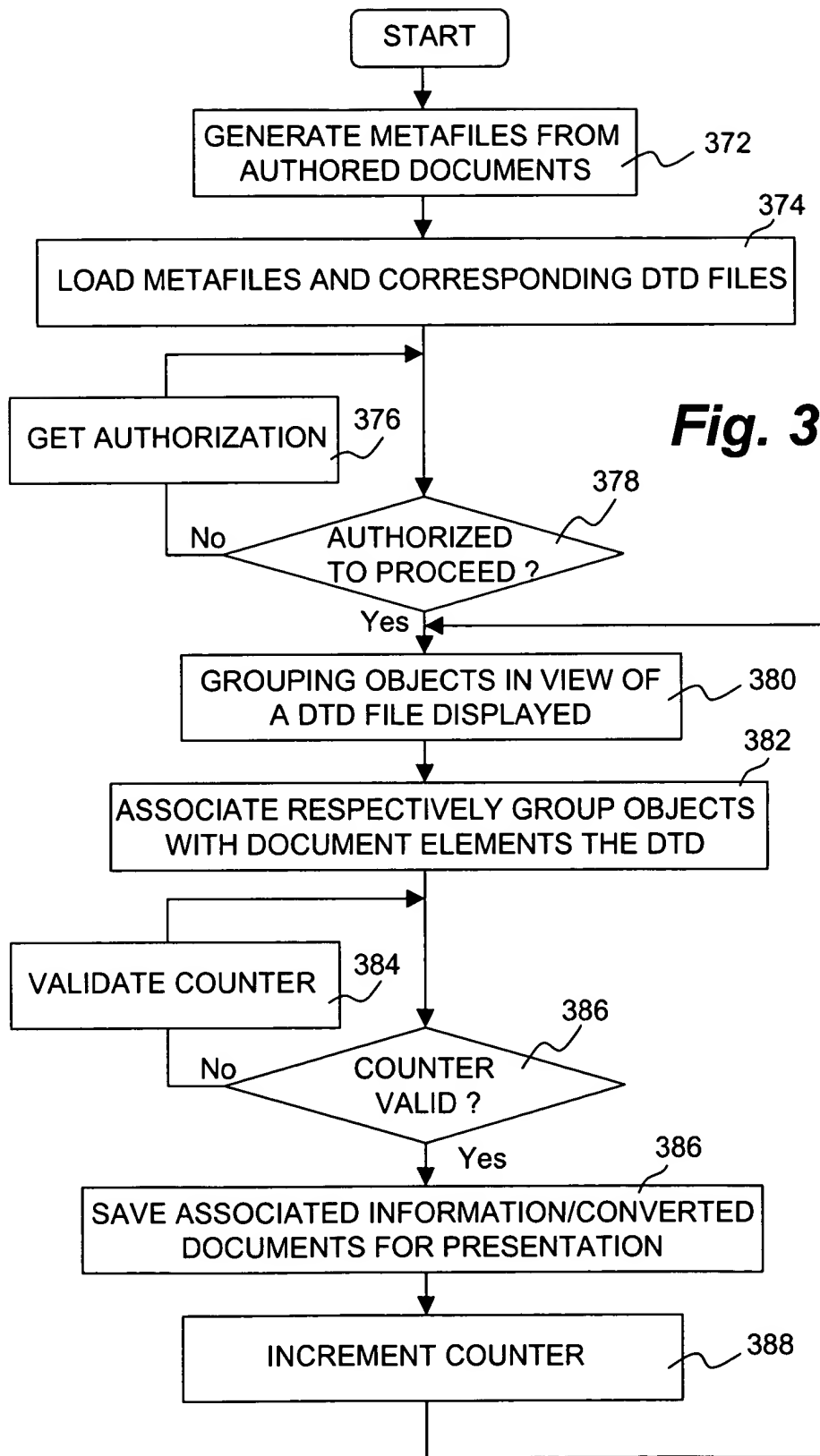
TOP SECRET

**Dongle Information for PageGenie XML**

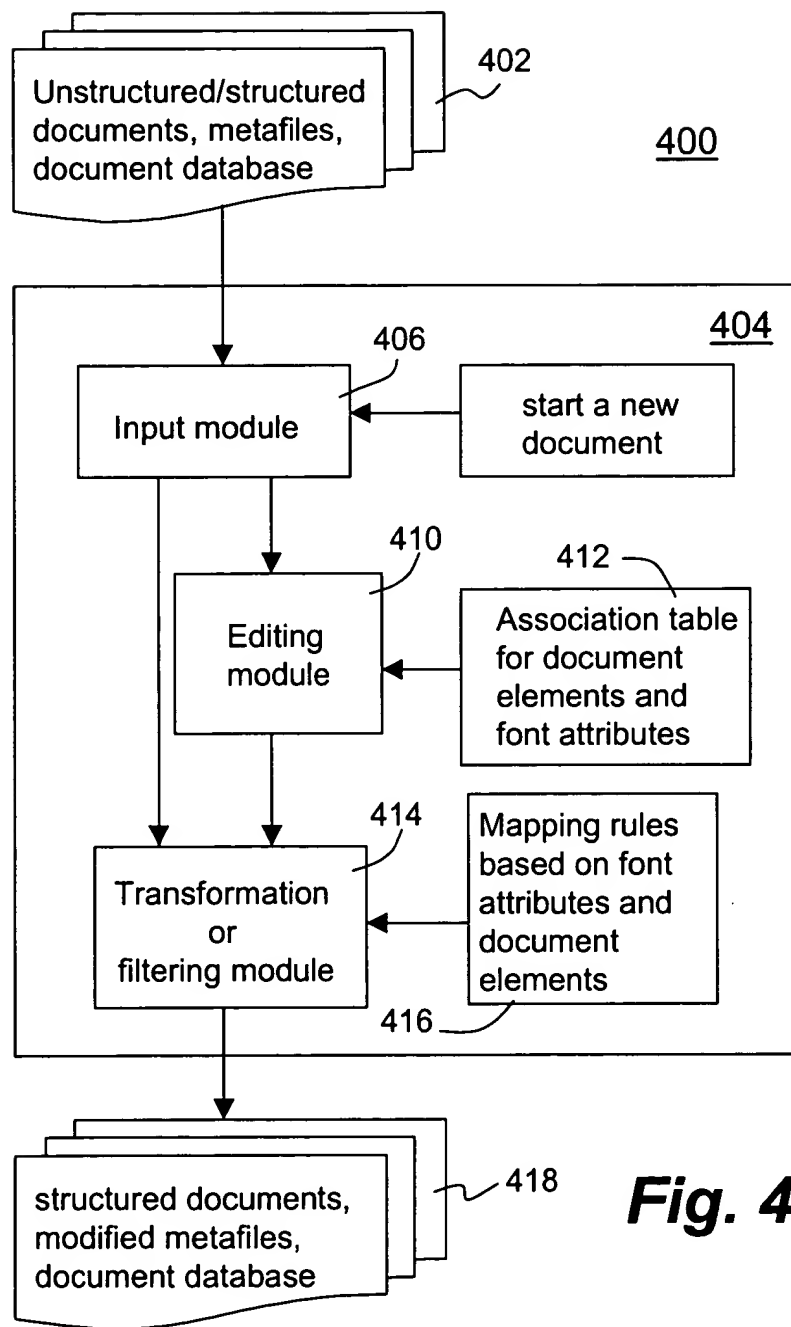
Saved Files:71	Limit: 1000
Tagged Counts: 51	Limit: 1000

Dongle set on Aug. 12, 2000

**Fig. 3D**



**Fig. 3E**



**Fig. 4**

Document Element	Element Attribute	Font Type	Font Style	Font Color	Font Size	Font Effect
recipe	title	Courier New	Bold	Black (0x000000)	12	Underline
ingredient		Courier New	Normal	Magenta (0xFF00FF)	10	Normal
ingredient	amount	Courier New	Italic	Red (0x0000FF)	10	Normal
procedure		Arial	Italic	Blue (0xFF0000)	10	Normal
presentation		Arial	Normal	Cyan (0xFFFF00)	10	Normal
originate	name	Times New Roman	Bold	Green (0x00FF00)	10	Normal
originate	website	Times New Roman	Bold + Italic	Yellow (0x00FFFF)	10	Normal
originate	date	Times New Roman	Normal	Gray (0x808080)	10	Normal

Fig. 5

600

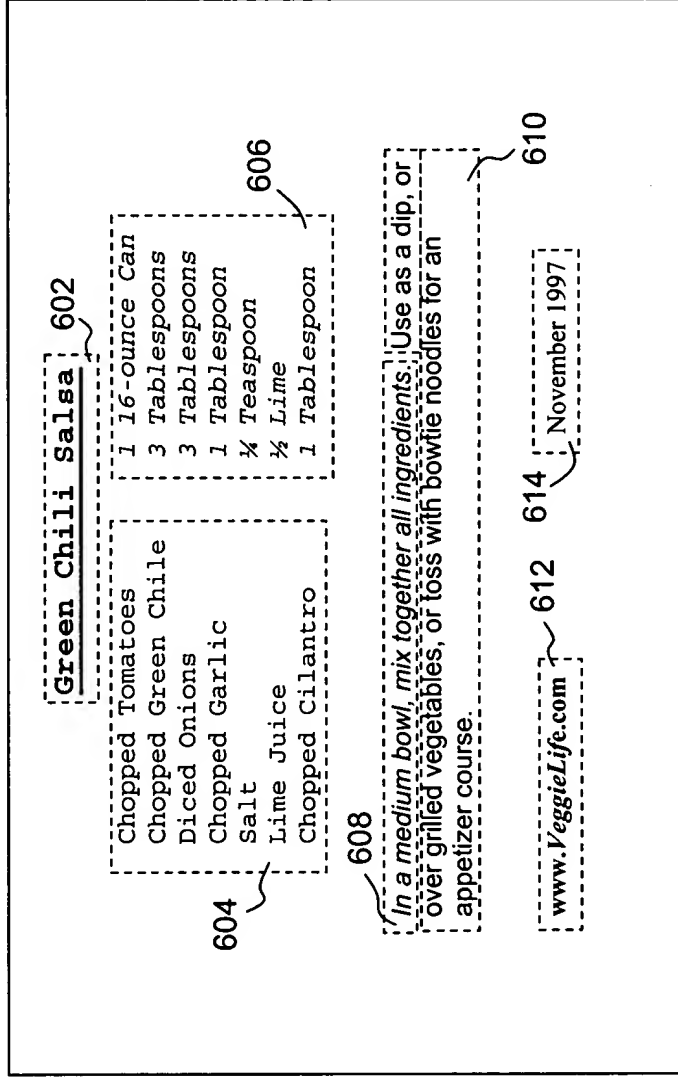
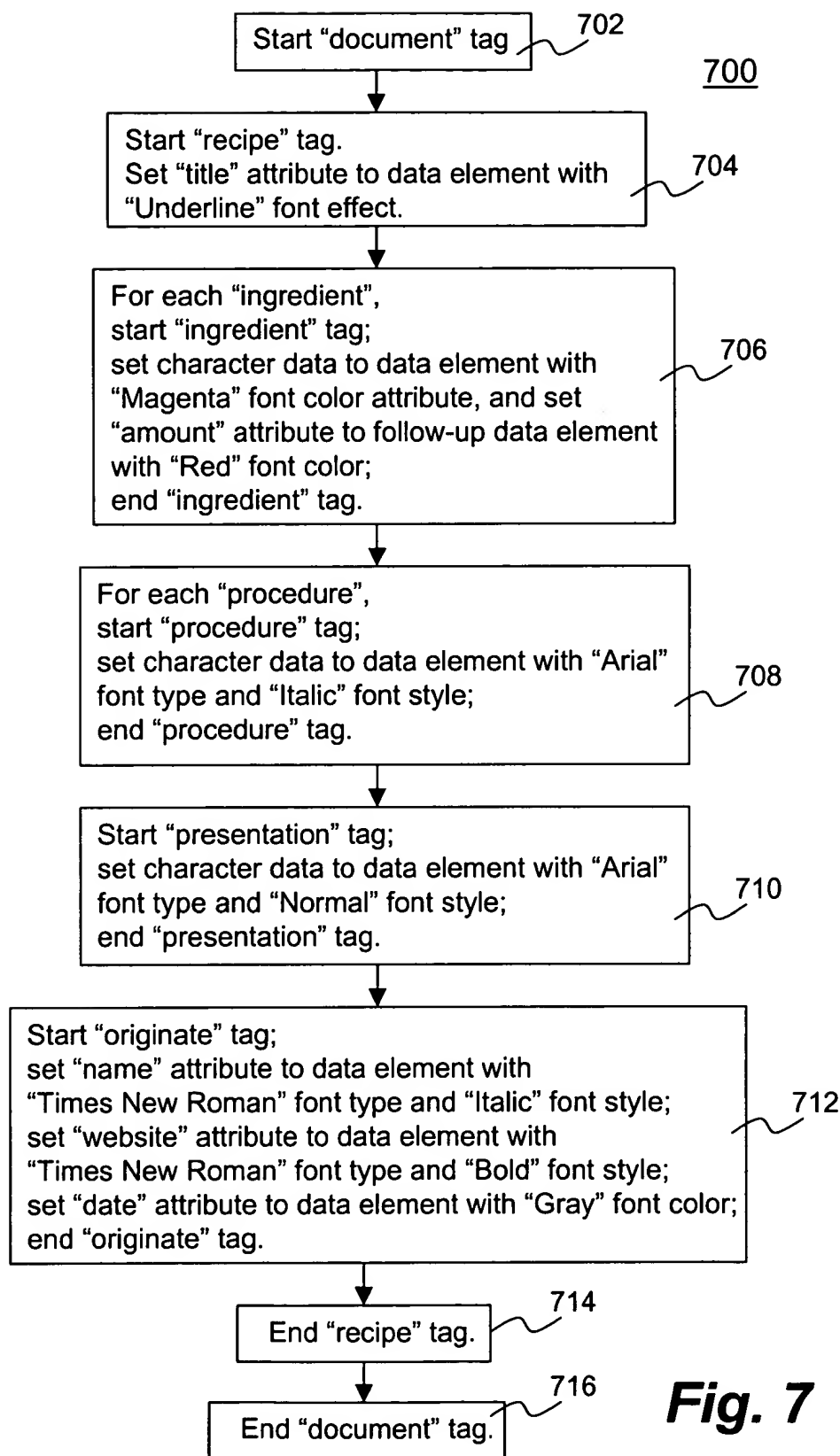


Fig. 6



**Fig. 7**

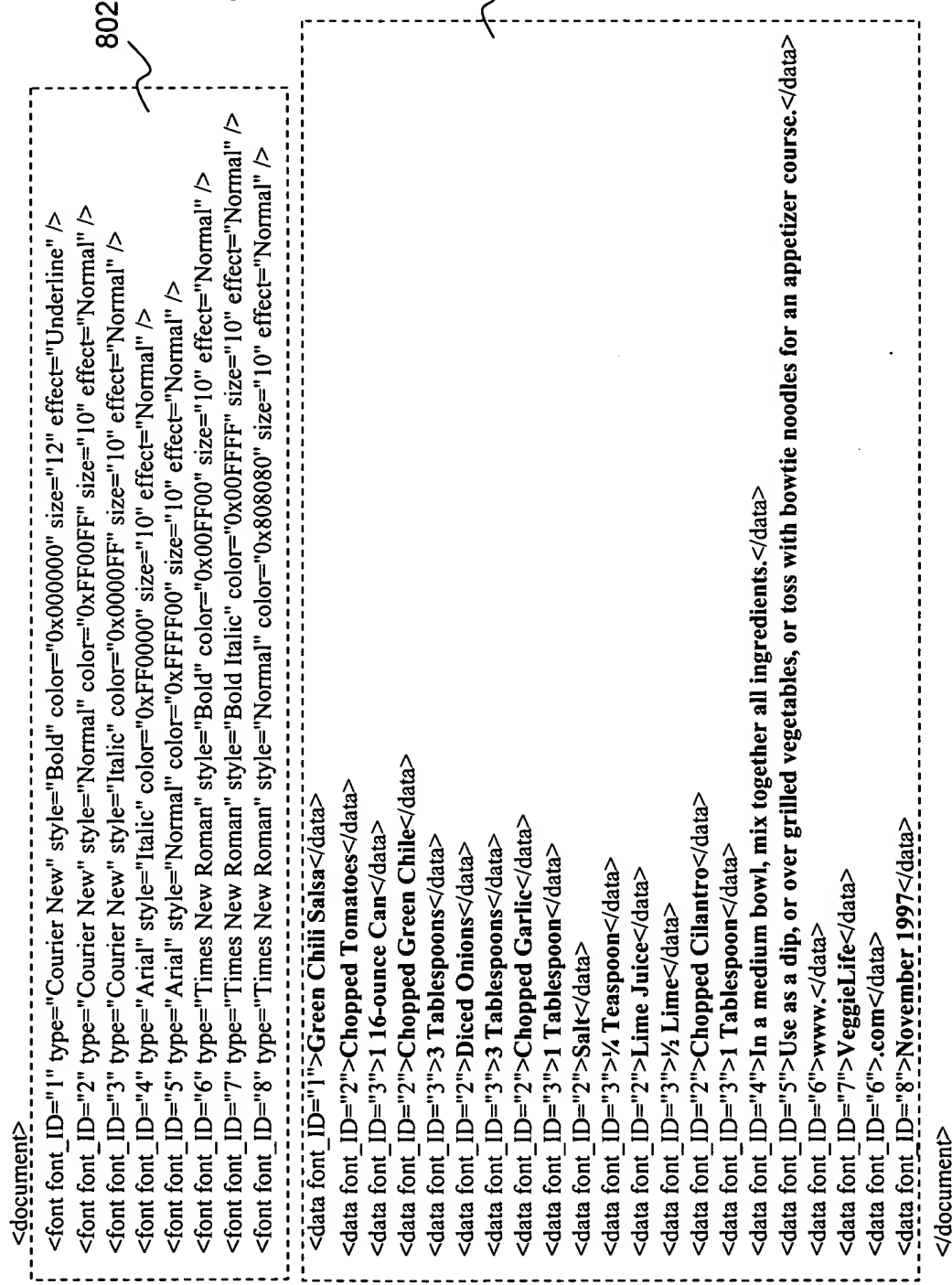
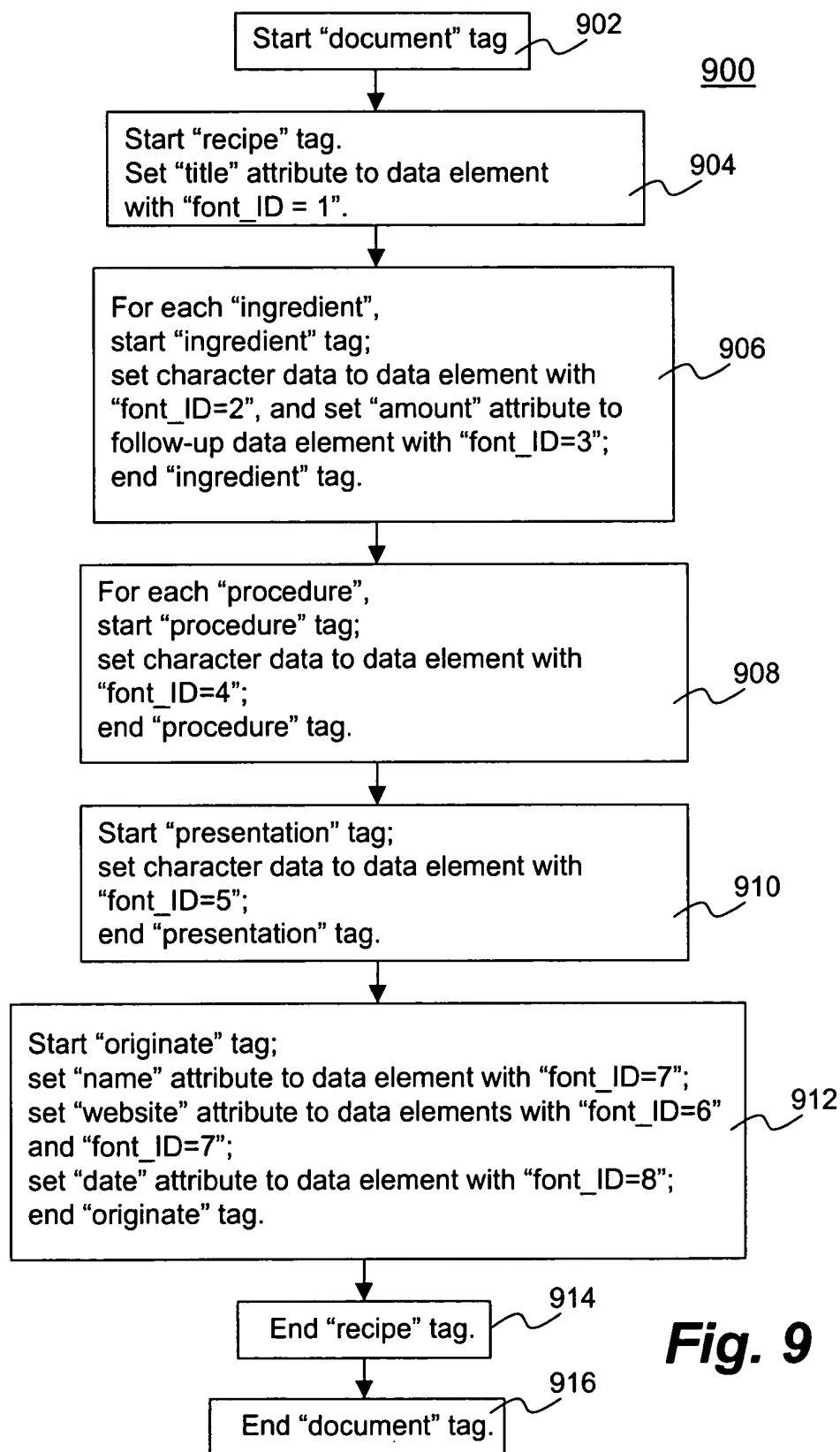


Fig. 8



**Fig. 9**



```

<?xml version="1.0" standalone="yes"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
<xsl:template match="/">
<document>
  <xsl:apply-templates/>
</document>
</xsl:template>
<xsl:template match="document">
<recipe title="{data[@font_ID='1']}">
  <xsl:for-each select="data[@font_ID='2']">
    <ingredient amount="{following-sibling::data[@font_ID='3']}">
      <xsl:value-of select="."/ >
    </ingredient>
  </xsl:for-each>
  <xsl:for-each select="data[@font_ID='4']">
    <procedure step="{position()}">
      <xsl:value-of select="."/ >
    </procedure>
  </xsl:for-each>
  <presentation>
    <xsl:value-of select="data[@font_ID='5']" />
  </presentation>
  <xsl:for-each select="data[@font_ID='7']">
    <originate name="{." website="{preceding-sibling::data[@font_ID='6']}" {following-
      sibling::data[@attribute::font_ID='6']" date="{following-sibling::data[@font_ID='8']}" />
  </xsl:for-each>
</recipe>
</xsl:template>
</xsl:stylesheet>

```